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5/28/03  
Docket No.: 1076.1023D2  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Hiroko MURAKAMI et al.

Serial No. 10/023,769 ✓

Group Art Unit: 2651

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Confirmation No. 4629 ✓

MAY 27 2003

Filed: December 21, 2001 ✓

Examiner: R. N. Holder

Technology Center 2600

For: SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE

AMENDMENT

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

on 20 May 2003

STAAS & HALSET L.P.

By: J. Callahan

Date: 5/28/03

Sir:

This is in response to the Office Action mailed February 20, 2003, and having a period for response set to expire on May 20, 2003.

The following amendments and remarks are respectfully submitted. Reconsideration of the claims is respectfully requested.

**IN THE CLAIMS:**

Please CANCEL claims 29-33, 35, 52, 56 and 60 without prejudice or disclaimer.

Please REPLACE claims 25-28, 34, and 63-65, and ADD new claims 66-71 in accordance with the following:

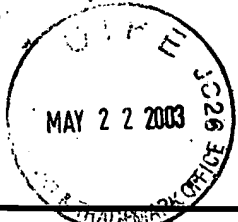
25. (TWICE AMENDED) A circuit suitable for canceling an offset voltage of an A/D converter that converts an analog signal to a digital signal, said circuit comprising:

C) a comparator receiving said digital signal and determining whether said digital signal is within a predetermined offset value range, which defines allowable offset values, to output a first comparison result and a second comparison result;

a first arithmetic operation unit connected to said comparator, calculating an offset change amount based on said first comparison result and an offset unit change;

a second arithmetic operation unit, connected to said comparator, accumulating said offset change amount and outputting an addition result based on said second comparison result;

2651



S&H Form: (01/03)

<b>REPLY/AMENDMENT FEE TRANSMITTAL</b>	Attorney Docket No.	1076.1023D2	
	Application Number	10/023,769	
	Filing Date	December 21, 2001	
	First Named Inventor	Hiroko MURAKAMI et al.	
	Group Art Unit	2651	
AMOUNT ENCLOSED	0.00	Examiner Name	Holder, R. N.

FEE CALCULATION (fees effective 01/01/03)					
CLAIMS AS AMENDED	Claims Remaining After Amendment	Highest Number Previously Paid For	Number Extra	Rate	Calculations
TOTAL CLAIMS	23	- 24 =	0	X \$ 18.00 =	\$ 0.00
INDEPENDENT CLAIMS	10	- 11 =	0	X \$ 84.00 =	0.00
Since an Official Action set an <u>original</u> due date of <u>May 20, 2003</u> , petition is hereby made for an extension to cover the date this reply is filed for which the requisite fee is enclosed (1 month (\$110); 2 months (\$410); 3 months (\$930); 4 months (\$1,450); 5 months (\$1,970)):					
If Notice of Appeal is enclosed, add (\$320.00)					
If Statutory Disclaimer under Rule 20(d) is enclosed, add fee (\$110.00)					
Information Disclosure Statement (Rule 1.17(p)) (\$180.00)					
Total of above Calculations = \$ 0.00					
Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28)					
TOTAL FEES DUE = \$ 0.00					

- (1) If entry (1) is less than entry (2), entry (3) is "0".
- (2) If entry (2) is less than 20, change entry (2) to "20".
- (4) If entry (4) is less than entry (5), entry (6) is "0".
- (5) If entry (5) is less than 3, change entry (5) to "3".

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**MAY 27 2003**

METHOD OF PAYMENT	
<input type="checkbox"/> Check enclosed as payment.	<b>Technology Center 2600</b>
<input type="checkbox"/> Charge "TOTAL FEES DUE" to the Deposit Account No. below.	
<input type="checkbox"/> No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date).	

GENERAL AUTHORIZATION	
<input checked="" type="checkbox"/> If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:	
Deposit Account No.	19-3935
Deposit Account Name	STAAS & HALSEY LLP
<input checked="" type="checkbox"/> The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC § 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.	

SUBMITTED BY: STAAS & HALSEY LLP	
Typed Name	Derrick L. Fields
Reg. No.	50,133
CERTIFICATE UNDER 37 CFR 1.8(a)	

Signature	<i>Derrick L. Fields</i>
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on 20 May 03  
By: Fred Coleman  
Date: 3/20/03

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